

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VA 22313



Docket No. ARC9-2001-0089-US1  
(PATENT)

AF  
2178  
JPW

SIR:

Transmitted herewith for filing in the Application of: James Kaufman et al.  
Serial No.: 10/034,523

Title: **SYSTEM AND METHOD FOR HIERARCHICAL SEGMENTATION WITH LATENT SEMANTIC INDEXING IN SCALE SPACE**

are the following:

✓ Amendment After Final

✓ NO ADDITIONAL FEE IS REQUIRED

OTHER THAN A SMALL ENTITY	Claims Remaining After Amendment	Highest No. Previously Paid for	Extra	Rate	Additional Fee
SUBTOTAL FROM ABOVE					\$0.00
TOTAL CLAIMS	5	18	0	× 50 =	\$0.00
INDEPENDENT CLAIMS	3	3	0	× 200 =	\$0.00
MULTIPLE DEP. CLAIM PRESENTED				+360 =	\$0.00
				TOTAL	\$0.00

Please charge my Deposit Account No. 09-0441 in the amount of \$0.00.  
A duplicate copy of this sheet is attached.

The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or any patent application processing fees under 37 CFR 1.17 in association with this communication or credit any overpayment to Deposit Account No. 09-0441. A duplicate copy of this sheet is attached.

**CERTIFICATE OF MAILING**

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first-class mail with sufficient postage in an envelope addressed to Commissioner for Patents, Mail Stop AF, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: September 29, 2005

Person mailing paper/fee: Marc D. McSwain

Signature Marc D. McSwain

**Respectfully submitted,**  
**James Kaufman et al.**

Marc D. McSwain  
Marc D. McSwain (#44,929)  
Agent for Applicants  
Telephone (408) 927-3364  
IBM Corporation  
Intellectual Property Law  
Dept. C4TA/J2B  
650 Harry Road  
San Jose, CA 95120-6099



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : September 29, 2005  
James Kaufman et al.  
Group Art Unit: 2178 : Examiner: Jonathan D. Schlaifer  
Serial No.: 10/034,523 : Filed: 12/28/2001  
Attorney Docket: ARC9-2001-0089-US1 : Confirmation No.: 1662  
Title: SYSTEM AND METHOD FOR HIERARCHICAL SEGMENTATION WITH  
LATENT SEMANTIC INDEXING IN SCALE SPACE

**AMENDMENT AFTER FINAL**

Commissioner for Patents  
Mail Stop AF  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is in response to a final Office Action for the above-identified application mailed on June 29, 2005. Claims 1, 10, 15, and 17-18 are pending. Claims 1 and 17-18 are rejected under 35 U.S.C. 102(b) as anticipated by U.S. Pat. No. 5550965 Gabbe et al. (referred to hereafter as Gabbe). Claim 10 is rejected under 35 U.S.C. 103(a) as unpatentable over Gabbe in view of Ratakonda, and claim 15 is similarly rejected as unpatentable over Gabbe in view of Stanke. Entry of the amendments below, which are believed to place the application in better condition for allowance or appeal, is respectfully requested.

**IN THE CLAIMS**

Please amend the claims as shown below: